

Figure 1. Target protected tyrosine building block

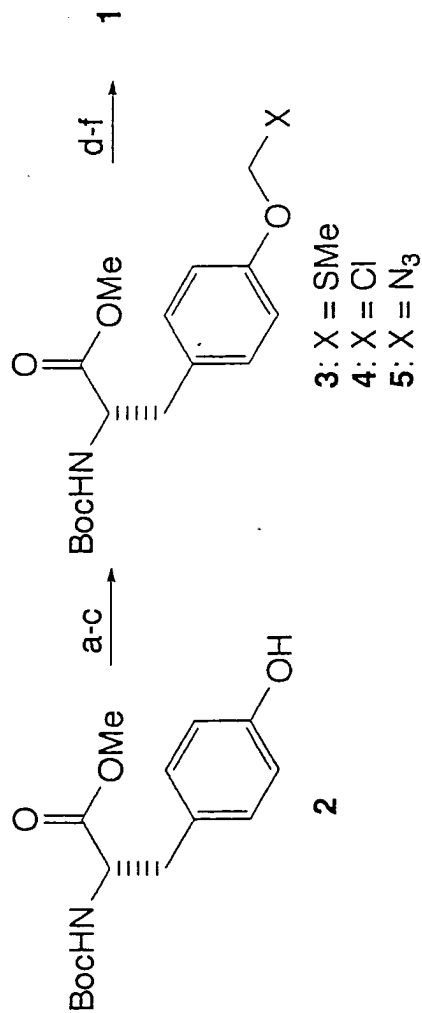


Figure 2. Scheme for the synthesis of target 1. Conditions: (a) KO^t-Bu, NaI, CH₃SCH₂Cl, DMF, 82%; (b) NCS, TMSCl, CH₂Cl₂; (c) NaN₃, DMF, H₂O, 87% (over 2 steps); (d) TMSOTf, CH₂Cl₂; (e) FmocOSu, Et₃N, THF, 84% (over 2 steps); (f) LiOH-H₂O, THF-H₂O, 0 °C, 88%.

Stepwise Fmoc-SPPS

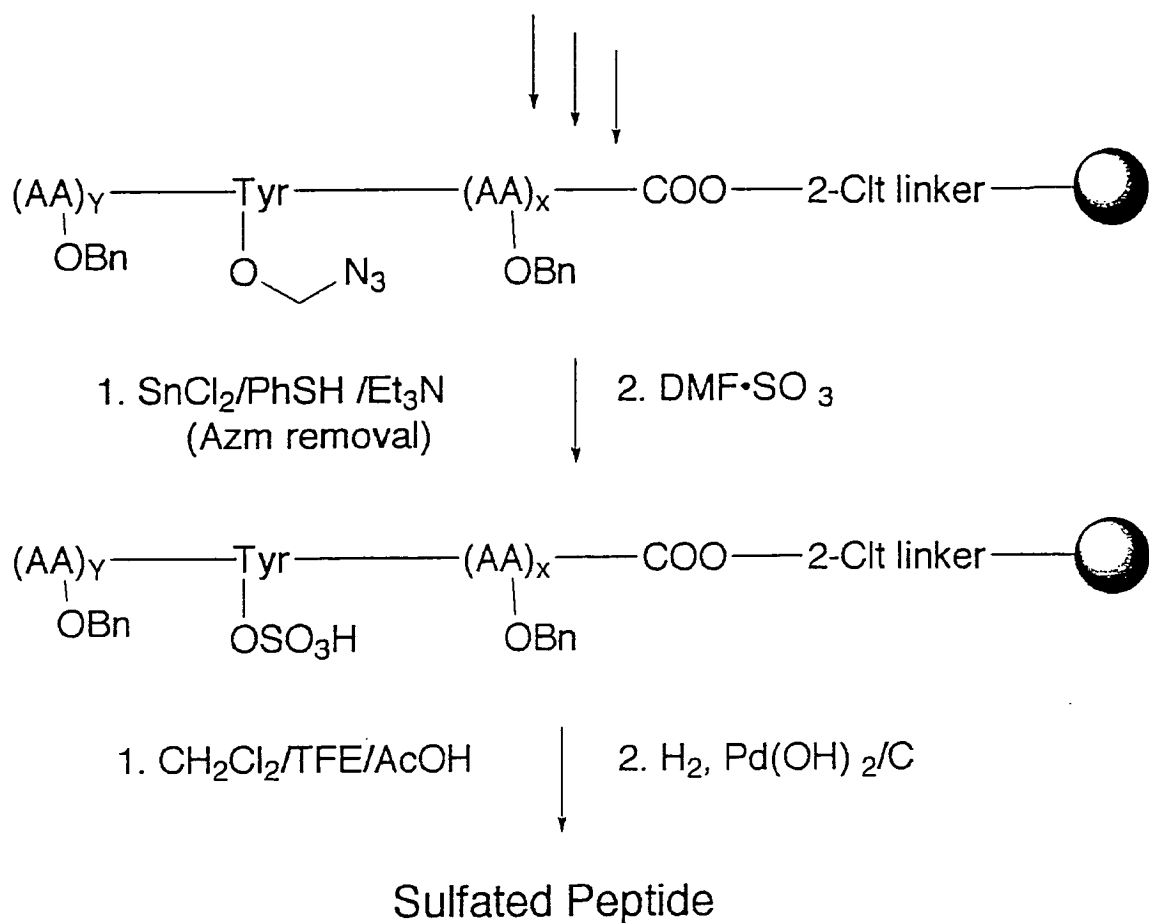


Figure 3. Overview of sulfated peptide synthesis.

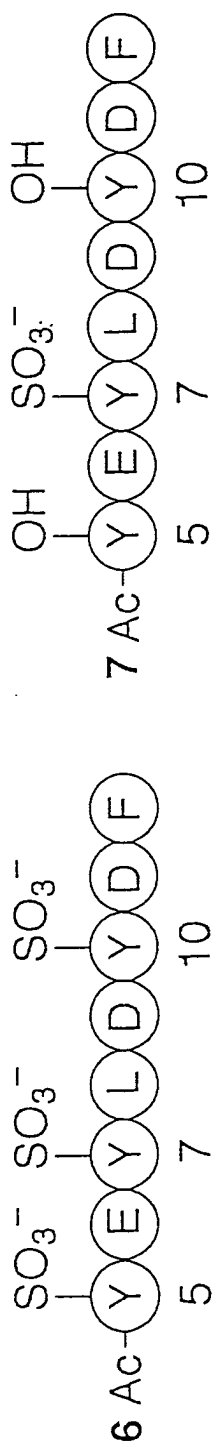


Figure 4A

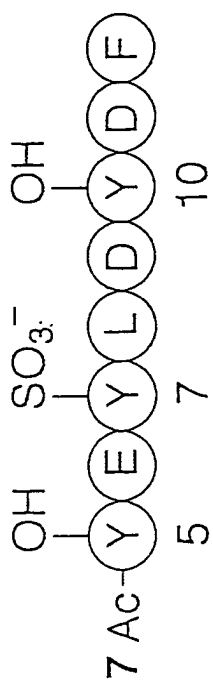


Figure 4B